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MECHATRONIC SYSTEM CONTROL, LOGIC, AND DATA ACQUISITION

Mechatronic systems
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are devices that have fewer mechanical parts because of the The integration of sensors, circuits, and motion components such as actuators. Hydraulic servo motors, wire triggered transmissions, robots, and even washing machines controlled by logic circuits are examples of such devices. Page 15/33

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knowledge of robotics and electronics It ta involves the creation of embedded systems. Mechatronics evolved out of the Japanese automotive industry in the 1970s but has come to include many consumer goods that incorporate embedded systems.

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The main focus of mechatronics research is the application of electronics, controls, communications and computational intelligence to manufacturing systems and processes. An example of a typical mechatronic system is a Page 26/33

device designed to improve the physical interaction between humans and machines.

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